

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10599692
	Filing Date		2006-10-05
	First Named Inventor	Prediman K. Shah	
	Art Unit	1633	
	Examiner Name	Janet L. Epps Smith	
	Attorney Docket Number	67789-101US0	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6506799		2003-01-14	Dasseux et al.	
	2	6773719		2004-08-10	Rodriquez et al.	
	3	7435717		2008-10-14	Bisgaier et al.	
	4	5876968		1999-03-02	Sirtori et al.	
	5	4868116		1989-09-19	Morgan et al.	
	6	4980286		1990-12-25	Morgan et al.	
	7	5721114		1998-02-24	Abramansen et al.	
	8	5834596		1998-11-10	Ageland et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10599692
Filing Date	2006-10-05
First Named Inventor	Prediman K. Shah
Art Unit	1633
Examiner Name	Janet L. Epps Smith
Attorney Docket Number	67789-101US0

9	5990081		1999-11-23	Ageland et al.	
10	6004925		1999-12-21	Dasseux et al.	
11	6037323		2000-03-14	Dasseux et al.	
12	6046166		2000-04-04	Dasseux et al.	
13	6090921		2000-07-18	Winge et al.	
14	6107467		2000-08-22	Ageland et al.	
15	6258596		2001-07-10	Benoit et al.	
16	6265377		2001-07-24	Dasseux et al.	
17	6329341		2001-12-11	Dasseux et al.	
18	6376464		2002-04-23	Dasseux et al.	
19	6423830		2002-07-23	Winge et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10599692
Filing Date	2006-10-05
First Named Inventor	Prediman K. Shah
Art Unit	1633
Examiner Name	Janet L. Epps Smith
Attorney Docket Number	67789-101US0

20	6506879	2003-01-14	Ageland et al.
21	6559284	2003-05-06	Ageland et al.
22	6617134	2003-09-09	Sirtori et al.
23	6080422	2000-06-27	Williams
24	4970144	1990-11-13	Fareed et a.
25	5827516	1998-10-27	Urban et al.
26	5861276	1999-01-19	Kwak Ju-Won et al.
27	5972890	2002-03-13	Lees et al.
28	6635623	2003-10-21	Hoogeveen et al.
29	6727102	2004-04-27	Holvoet et al.
30	5643757	1997-07-01	Malik et al.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10599692
Filing Date	2006-10-05
First Named Inventor	Prediman K. Shah
Art Unit	1633
Examiner Name	Janet L. Epps Smith
Attorney Docket Number	67789-101US0

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS						Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20020156007	A1	2002-10-24	Graversen et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

FOREIGN PATENT DOCUMENTS								Remove
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	WO 2003-026492	WO		2003-01-30	Hubbell et al.		<input type="checkbox"/>
	2	WO 2005-097206	WO		2005-10-20	Bigaler, Charles L.		<input type="checkbox"/>
	3	WO 2002-080954	WO		2002-10-17	Nilsson et al.		<input type="checkbox"/>
	4	WO 2002-42426	WO		2002-05-30	Lei et al.		<input type="checkbox"/>
	5	WO 2002-48388 A2	WO		2002-06-20	Agnello, Vincent		<input type="checkbox"/>
	6	WO 2003-007689	WO		2003-01-30	Hubbell et al.		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10599692
Filing Date		2006-10-05
First Named Inventor	Prediman K. Shah	
Art Unit	1633	
Examiner Name	Janet L. Epps Smith	
Attorney Docket Number	67789-101US0	

7	0267703	EP		1991-06-19	Erba Farmitalia		<input type="checkbox"/>
8	0469017	EP		1994-06-15	Sirtori		<input type="checkbox"/>
9	96/37608	WO		1996-11-28	Rhone-Poulenc Rorer, S. A.		<input type="checkbox"/>
10	0494848	EP		1997-03-26	Pharmacia AB		<input type="checkbox"/>
11	02/30359	WO		2002-04-18	University of Cincinnati		<input type="checkbox"/>
12	93/12143	WO		1993-06-24	Kabi Pharmacia AB		<input type="checkbox"/>
13	89/07136	WO		1989-08-10	Whitehead Institute for Biomedical Research		<input type="checkbox"/>
14	90/02806	WO		1990-03-22	Whitehead Institute for Biomedical Research		<input type="checkbox"/>
15	95/23592	WO		1995-09-08	University of British Columbia		<input type="checkbox"/>
16	90/12879	WO		1990-11-01	Sirtoli et al.		<input type="checkbox"/>
17	EP 0 911 344 A1	EP		1999-04-28	Uchida et al.		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10599692
Filing Date		2006-10-05
First Named Inventor	Prediman K. Shah	
Art Unit	1633	
Examiner Name	Janet L. Epps Smith	
Attorney Docket Number	67789-101US0	

18	EP 1 186 299 A1	EP		2002-03-13	Cabezas et al.		<input type="checkbox"/>
19	EP 1 394 177 A1	EP		2004-03-03	Niimi et al.		<input type="checkbox"/>
20	WO 1993-18067 A1	WO		1993-09-16	Kundu et al.		<input type="checkbox"/>
21	WO 1994-00592	WO		1994-01-06	Cohen, Margo P.		<input type="checkbox"/>
22	WO 1997-43311	WO		1997-11-20	Bruckdorfer et al.		<input type="checkbox"/>
23	WO 1998-13385	WO		1998-04-02	Halbert et al.		<input type="checkbox"/>
24	WO 1998-42751	WO		1998-10-01	Lunec et al.		<input type="checkbox"/>
25	WO 1998-56938	WO		1998-12-17	Guevara et al.		<input type="checkbox"/>
26	WO 1999-08109	WO		1998-02-18	Witztum et al.		<input type="checkbox"/>
27	WO 1999-18986 A	WO		1999-04-22	Goldberg et al.		<input type="checkbox"/>
28	WO 1999-46598	WO		1999-09-16	Innerarity et al.		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10599692
Filing Date	2006-10-05
First Named Inventor	Prediman K. Shah
Art Unit	1633
Examiner Name	Janet L. Epps Smith
Attorney Docket Number	67789-101US0

29	WO 2000-02920 A1	WO		2000-01-20	McCormick, Sally Priscilla Anna		<input type="checkbox"/>
30	WO 2001-32070 A2	WO		2001-05-10	Witzum et al.		<input type="checkbox"/>
31	WO 2001-57274 A2	WO		2001-08-09	Penn et al.		<input type="checkbox"/>
32	WO 2001-64008 A2	WO		2001-09-07	Fruchart et al.		<input type="checkbox"/>
33	WO 2001-68119	WO		2001-09-20	Hansson et al.		<input type="checkbox"/>
34	WO 2002-06314 A2	WO		2002-01-24	Narvanen et al.		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button [Add](#)

NON-PATENT LITERATURE DOCUMENTS

[Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	International Search Report dated July 3, 2003 for PCT/US02/31068 (DWT ref. 67789-051WO0), 2 pages.	<input type="checkbox"/>
	2	International Preliminary Examination Report dated 06/28/2004 for PCT/US02/31068 (DWTref. 67789-051WO0), 3 pages.	<input type="checkbox"/>
	3	Search Report for dated 08/23/2005 European patent application no. 02799686.7 (DWT ref. 67789-051EP0), 3 pages.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10599692
Filing Date	2006-10-05
First Named Inventor	Prediman K. Shah
Art Unit	1633
Examiner Name	Janet L. Epps Smith
Attorney Docket Number	67789-101US0

4	Examination Report dated 01/08/2010 European patent application no. 02799686.7 (DWT ref. 67789-051EP0), 4 pages.	<input type="checkbox"/>
5	International PCT Search Report and Written Opinion dated December 29, 2005 for PCT/US05/11466 (DWT ref. no. 67789-101WO0), 7 pages.	<input type="checkbox"/>
6	International Preliminary Report on Patentability dated October 11, 2006 for PCT/US05/11466 (DWT ref. no. 67789-101WO0), 4 pages.	<input type="checkbox"/>
7	Examination Report dated 08/21/2007 for European patent application no. 05763769.6 (DWT ref. no. 67789-101EP0), 4 pages.	<input type="checkbox"/>
8	Examination Report dated 06/25/2008 for European patent application no. 05763769.6 (DWT ref. no. 67789-101EP0), 7 pages.	<input type="checkbox"/>
9	Examination Report dated July 23, 2009 for Japanese patent application no. 2007-507425 (DWT ref. no. 67789-101JP0), 5 pages.	<input type="checkbox"/>
10	Non-final Office Action dated January 25, 2005 for U.S. 10/260,094 (DWT Ref. No. 67789-051US0).	<input type="checkbox"/>
11	Non-final Office Action dated June 17, 2005 for U.S. 10/260,094 (DWT Ref. No. 67789-051US0).	<input type="checkbox"/>
12	Final Office Action dated December 15, 2005 for U.S. 10/260,094 (DWT Ref. No. 67789-051US0).	<input type="checkbox"/>
13	Non-final Office Action dated October 10, 2006 for U.S. 10/260,094 (DWT Ref. No. 67789-051US0).	<input type="checkbox"/>
14	Non-final Office Action dated April 24, 2007 for U.S. 10/260,094 (DWT Ref. No. 67789-051US0).	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10599692
Filing Date	2006-10-05
First Named Inventor	Prediman K. Shah
Art Unit	1633
Examiner Name	Janet L. Epps Smith
Attorney Docket Number	67789-101US0

15	Non-final Office Action dated September 20, 2007 for U.S. 10/260,094 (DWT Ref. No. 67789-051US0).	<input type="checkbox"/>
16	Final Office Action dated May 2, 2008 for U.S. 10/260,094 (DWT Ref. No. 67789-051US0).	<input type="checkbox"/>
17	Non-final Office Action dated November 4, 2008 for U.S. 10/260,094 (DWT Ref. No. 67789-051US0).	<input type="checkbox"/>
18	Non-final Office Action dated September 30, 2009 for U.S. 10/260,094 (DWT Ref. No. 67789-051US0).	<input type="checkbox"/>
19	Final Office Action dated July 8, 2010 for U.S. 10/260,094 (DWT Ref. No. 67789-051US0).	<input type="checkbox"/>
20	Interview Summary dated August 12, 2010 for U.S. 10/260,094 (DWT Ref. No. 67789-051US0).	<input type="checkbox"/>
21	Non-final Office Action dated October 6, 2010 for U.S. 10/260,094 (DWT Ref. No. 67789-051US0).	<input type="checkbox"/>
22	Final Office Action dated April 21, 2011 for U.S. 10/260,094 (DWT Ref. No. 67789-051US0).	<input type="checkbox"/>
23	European Search Report dated April 4, 2007 for European patent application no. 05763769.6 (DWT ref. no. 67789-101EP0), 4 pages.	<input type="checkbox"/>
24	SHAH et al., Transplantation of bone marrow cells transduced with adeno-associated virus vectors encoding the apo A-1 milano gene inhibits atherosclerosis in apo E-null mice., <i>Circulation</i> , Vol. 110, no. 17S, October 26, 2004, pages 330-331.	<input type="checkbox"/>
25	SHAH et al., A Single intramuscular injection of recombinant adeno-associated virus vectors encoding the apo A-1 milano gene inhibits atherosclerosis in apo E-null mice., <i>Circulation</i> , Vol. 110, no. 17S, October 26, 2004, pages 330.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10599692
Filing Date	2006-10-05
First Named Inventor	Prediman K. Shah
Art Unit	1633
Examiner Name	Janet L. Epps Smith
Attorney Docket Number	67789-101US0

26	AVIRAM, M., et al., "Paraoxonase active site required for protection against LDL oxidation involves its free sulfhydryl group and is different from that required for its arylesterase paraoxonase activities: selective action of human paraoxonase allozymes Q and R." (1996), <i>Arterioscler. Thromb. Vasc. Biol.</i> , 18, pp. 1617-1624.	<input type="checkbox"/>
27	AVIRAM, M., et al., "Paraoxonase inhibits high-density lipoprotein oxidation and preserves its functions: a possible peroxidative role for paraoxonase," (1998), <i>J. Clin. Invest.</i> , 101, No. 8, pp. 1581-1590.	<input type="checkbox"/>
28	BILLECKE, S., et al., "Human serum paraoxonase (PON1) isozymes Q and R hydrolyze lactones and cyclic carbonate esters," (2000), <i>Drug Metab. Dispos.</i> , 28, pp. 1335-1342.	<input type="checkbox"/>
29	CALABRESI, L., et al., "Increased postprandial lipemia in Apo A-IMilano carriers," (1993), <i>Arterioscler. and Thromb.</i> , 13(4), pp. 521-528.	<input type="checkbox"/>
30	CHIESA, G., et al., "Elevated triglycerides and low HDL cholesterol in transgenic mice expressing human apolipoprotein A-Imilano" (1998), <i>Atheroscl.</i> , 136, pp. 139-146.	<input type="checkbox"/>
31	DRAGONOV, D.I., et al., "Rabbit serum paraoxonase 3 (PON3) is a high density lipoprotein-associated lactonase and protects low density lipoprotein against oxidation" (2000), <i>J. Biol. Chem.</i> , 275(43), pp. 33435-33442.	<input type="checkbox"/>
32	FRANCESCHINI, G., et al., "Apolipoprotein A-Imilano: disulfide-linked dimers increase high density lipoprotein stability and hinder particle interconversion in carrier plasma," (1990), <i>J. Biol. Chem.</i> , 265(21), pp. 12224-12231.	<input type="checkbox"/>
33	FRANCESCHINI, G., et al., "Apolipoprotein A-Imilano: accelerated binding and dissociation from lipids of a human apolipoprotein variant," (1985), <i>J. Biol. Chem.</i> , Vol. 260:30, pp. 16321-16325.	<input type="checkbox"/>
34	FRANCESCHINI, G., et al., "Increased cholesterol efflux potential of sera from apoA-Imilano carriers and transgenic mice," (1999), <i>Arterioscler. Thromb. Vasc. Biol.</i> , 19, pp. 1257-1262.	<input type="checkbox"/>
35	FRANCESCHINI, G., et al., "Relationship of the phenotypic expression of the A-Imilano apoprotein with plasma lipid and lipoprotein patterns," (1985), <i>Atheroscl.</i> , 58, pp. 159-174.	<input type="checkbox"/>
36	FRANCESCHINI, et al., "Apolipoprotein A-Imilano correlation between high density lipoprotein subclass distribution and triglyceridemia," (1987), <i>Arteriosclerosis</i> 7:426-435.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10599692
Filing Date	2006-10-05
First Named Inventor	Prediman K. Shah
Art Unit	1633
Examiner Name	Janet L. Epps Smith
Attorney Docket Number	67789-101U50

37	FRANCESCHINI, G., et al., "Altered lipid binding properties in a human apolipoprotein variant," Recent Aspects of Diagnosis and Treatment of Lipoprotein Disorders: impact on prevention of Atherosclerotic Diseases, Alan R. Liss, Inc., 1988 pp. 73-80.	<input type="checkbox"/>
38	GUALANDRI, N., et al., "AImilano apoprotein identification of the complete kindred and evidence of a dominant genetic transmission," (1995), Am. J. Hum. Genet., 37, pp. 1083-97.	<input type="checkbox"/>
39	JAMES, R.W., et al., "Modulated serum activities and concentrations of paraoxonase in high density lipoprotein - deficiency states," (1998), Atheroscl., 139, pp. 77-82.	<input type="checkbox"/>
40	KAUL, et al., "Intramural delivery of recombinant apolipoprotein A-I-milano phospholipid complex (ETC-216) inhibits (n-Stent Stenosis in porcine coronary arteries", Circulation 107:2551-2554 (2003).	<input type="checkbox"/>
41	LI, D., et al., "Inhibition of arterial thrombus formation by apoAImilano," (1999), Arterioscler. Thromb. Vasco Biol., 19, pp.378-383.	<input type="checkbox"/>
42	NILSSON et al., "Lipoprotein-like phospholipid particles inhibit the smooth muscle cell cytotoxicity of lysophosphatidylcholine and platelet-activating factor" (1998), Arterioscler. Thromb. Vasco Biol. 18, pp. 13-19.	<input type="checkbox"/>
43	ROMA, et al., "In vivo metabolism of a mutant form of apolipoprotein A-I, APO A-I-milano, associated with familial hypoalphalipoproteinemia," The Journal of Clin. Invest., volume 91, April 1993, pp. 1445-1452.	<input type="checkbox"/>
44	ROSSENEU and LABEUR, "Physiological significance of apolipoprotein mutants," (1995), The FASEB Journal, 9, pp. 768-776.	<input type="checkbox"/>
45	SHAH, P.K., et al., "Effects of recombinant apolipoprotein A-I-milano on aortic atherosclerosis in apolipoprotein e-deficient mice" (1998), Circulation 97. pp. 780-785.	<input type="checkbox"/>
46	SHAH, et al., "High-dose recombinant apolipoprotein A-I-milano mobilizes tissue cholesterol and rapidly reduces plaque Lipid and macrophage content in apolipoprotein e-deficient mice. potential implications for acute plaque stabilization," (2001) Circulation 103:3047-3050.	<input type="checkbox"/>
47	SIRTORI, C.R., et al., "Recombinant apolipoproteins for the treatment of vascular diseases," (1999), Atheroscl., 142, pp. 29-40.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10599692
Filing Date	2006-10-05
First Named Inventor	Prediman K. Shah
Art Unit	1633
Examiner Name	Janet L. Epps Smith
Attorney Docket Number	67789-101US0

48	SIRTORI, C.R., et al., "Familial disorders of plasma apolipoproteins," (1985), Klin Wochenschrift, 63, pp. 481-489.	<input type="checkbox"/>
49	SIRTORI, C.R., et al., "Apolipoprotein A-Imlano, (The First Molecular Variant of Human Apolipoprotein)," (1982), La Ricerca CUn. Lab., 12, pp. 83-86.	<input type="checkbox"/>
50	SOMA, M.R., et al., "Recombinant apolipoprotein A-Imlano dimer inhibits carotid intimal thickening induced by perivascular manipulation in Rabbits," (1995), Circulation Res. 76, pp. 405-411.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button **Add**

EXAMINER SIGNATURE

Examiner Signature	/Janet Epps Smith/	Date Considered	03/26/2012
--------------------	--------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.